

# The Nebraska

# Civil

# Engineer



*Official Publication of the Nebraska Section of the American Society of Civil Engineers*

## Calendar of Events:

### September:

21 - Structural Group Meeting, River City Star Pavilion, Omaha

22 - Twenty-Sixth Annual Structural Conference, Scott Conference Center, Omaha

29 - The 1st Annual Younger Members Kickball Game

### October:

19 - Construction Group Meeting, Lincoln

## The Structural Group Presents:

### "Missouri River Pedestrian Bridge"

Thursday, September 21st

Featuring: **Christian J Brown**, Senior Project Manager, HNTB Corporation

Christian J. Brown is a Senior Project Manager at HNTB Corporation in Kansas City, Missouri. Mr. Brown has more than 13 years experience in the design and management of a wide variety of highway, pedestrian and railroad fixed and movable bridge design projects. Mr. Brown's range of experience includes supervising several large projects from the planning, permitting, and preliminary design through the construction management phases. He holds a Bachelor's degree in Architectural Engineering with a structures emphasis from the University of Kansas and a Masters degree in Civil and Structural Engineering from the University of Kansas. He is a registered professional engineer in the states of Kansas, Missouri, Connecticut, Wisconsin, Louisiana, Nebraska and Iowa. In addition, Brown is an active member of the National Society of Professional Engineers and the American Concrete Institute.

**Location:** The River City Star Pavilion  
151 Freedom Park Road, Omaha, 68102

**\*OUTDOOR VENUE Dress Business Casual/Casual**

<b>Times:</b>	<b>Social Hour</b>	<b>5:30</b>
	<b>Dinner/Announcements</b>	<b>6:30</b>
	<b>Presentation</b>	<b>7:30</b>

**Menu:** The River City BBQ Buffet  
-BBQ Pork and BBQ Chicken Breast  
-Rolls, Baked Beans, Potato Salad, Cole Slaw  
-Dessert Bars  
-Iced Tea

Spouses and guests welcome  
\$20 with a meal; \$10 without a meal.  
Student meals Free.

**RSVP by 12 PM Monday, September 18th**  
TO MARIE 402.493.4800 OR

**VP@NEASCE.ORG SUBJECT LINE: ASCE RSVP**

*Prices include tax and gratuity.*

*Portions of the proceeds will go towards hosting our speaker.*

## Highlights of this Issue:

**Structural Licensure - an article by Susan Jorgensen**

**ASCE Seminars Coming to the Area**

**Younger Member Kickball Game Announcement**

**Update Your ASCE Membership**

Deadline for articles to be published in the October Newsletter will be Friday, October 6th. Email articles to Aaron Grote at [editor@neasce.org](mailto:editor@neasce.org)

The Nebraska Civil Engineer  
September 2006

# From the President

- Tom Marnik, P.E.

Well, summer is almost over and that signals the start of a fun filled and evolved ASCE season. As I stated at our annual banquet my platform for the year, as your Nebraska Section President is fun and participation.

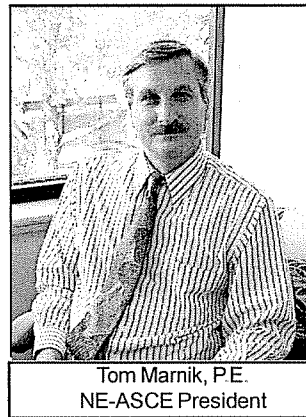
We are starting the year off with a blast. Both the Structural Technical Chair (Scott Gilliland), and the Construction Technical Chair (Aaron Buettner), have come up with awesome programs for our September and October meetings. The structural meeting will feature a talk on the new 19 million dollar pedestrian bridge over the Missouri River. So it seemed to be appropriate to have the meeting at a location along the river. Down by the River City Star landing is a great all-weather tent right on the river with a great view. I can see myself now, sipping a glass of wine and socializing with my fellow civil engineering peers. Don't miss this one, dress is business casual, bring a friend or co-worker and I promise a good time and perfect weather. (If you close your eyes and listen to the drops even a rainy day can be perfect). The construction meeting will include a site tour of the new MUD 250 million dollar water treatment plants near Gretna. I know a few engineers who have had a tour of this facility and they said it was fascinating. Food will be at a restaurant close by and Aaron has his sites aimed on a couple of real nice restaurants near by. More info to follow. The different venues and really neat topics are an effort to propel us forward toward the goal of fun and participation.

While most of you were enjoying the last of the summer season, I had your Board of Directors hard at work planning the upcoming year. Our first meeting was a marathon session "sorry about that" but we spent considerable time exploring each position on the board and expressing as a group what our expectations were for each of those individuals during the year. As usual, the first meeting was also filled with lots of talk on the draft budget. Somehow through that session I wound up with the label as a "budget buster". I am ok with taking that ribbing, because I do believe that the Nebraska Section needs to be revitalized and we need to spend some money, in a reasonable fashion, to stimulate additional participation and future income growth.

Enough of that, I would like to let you in on some of my initiatives that I will be instituting this year.

1. Permanent nametags for active participants. All board members will initially get permanent nametags to wear at the dinner meetings. Others will get their "Badge of Participation" after attending two meetings.
2. Free meals to any ASCE Students who attend our dinner meetings. Previously, we only paid for a max of two students. In the past, student attendance was sparse so I will be meeting with the UNO and UNL ASCE student chapters shortly to invite them to attend. They are our future members.
3. New speaker gifts (hopefully) something reflecting Nebraska.
4. Monthly meetings at new venues not the same old stale places.
5. Networking\participation\get acquainted activities at the dinner meetings. (This could be the scary one) I promise not to embarrass anyone too much.

This should be a great year. If you want to be part of the fun and get involved, just ask, I know we can find a place for your talents.



Tom Marnik, P.E.  
NE-ASCE President

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## Structural Licensure

Susan Jorgensen

Over the course of the last year, the Structural Licensure Task Force has developed a proposal to revise the requirements for licensure as a Structural Engineer in Nebraska and defined the practice of Structural Engineering. This proposal was developed with the help of many members of SEAON and the Nebraska Chapter of ASCE. A rough draft was sent to the membership in April followed by a meeting where many engineers expressed their comments and concerns. The draft was then revised and sent out again for review in July. This time, a survey accompanied the proposal. Again, the engineering community responded with comments and suggestions along with their support of the proposal. The Task Force received approximately 35 responses to the survey with the following results: 100% in favor of the structural examination process, 82% in favor of the grandfathering section and 87% in favor of the requirements for the practice of structural engineering. Final revisions, resulting from the comments received, were made to the proposal and it was sent to the Nebraska Board of Engineers and Architects in August. The letter accompanying the proposal asked that the Board consider adopting the changes to Title 110 this fall so the requirements for licensure may be put in place before the proposed revisions to The Engineers and Architects Regulation Act are presented to the State Legislature next year. The letter also offered the help of members of SEAON in developing the grandfathering process. The proposal submitted to the Board is provided below. If you have comments or questions concerning this proposal, please contact Susan Jorgensen, 402-391-8111 or [SAJorgensen@leoadaly.com](mailto:SAJorgensen@leoadaly.com).

Proposed Revisions to  
**Title 110: Nebraska Administrative Code  
 Chapter 1 through 11  
 Nebraska Board of Engineers and Architects**

Revise Section 2.5.4:

↳ **2.5.4. Licensure as a Structural Engineer.**

**2.5.4.1 Structural Examination:**

Sixteen hours of professional engineering examination shall be required for licensure as a Structural Engineer. Examination shall include

the successful completion of:

1. The Structural I Examination, and the Structural II Examination, or
2. Sixteen hours of NCEES Structural Examination eight hours of which are the Structural II Examination.

**2.5.4.2. Grandfathering Clause.**

A Professional Engineer legally practicing structural engineering in the State of Nebraska when this act is adopted will be allowed to be licensed as a Structural Engineer without passing the required examinations provided all of the following requirements are met:

- A. On the effective date of this act, the engineer is licensed and in good standing with the Board as a Professional Engineer in the State of Nebraska, and
- B. The engineer has been previously qualified through education, experience and licensure to practice engineering in the field of structures in the State of Nebraska, and
- C. The engineer demonstrates to the satisfaction of the board through application that the engineer has experience in the duties typically provided by a Professional Structural Engineer regarding structures not identified as exempt by regulation or statute.

Professional engineers licensed in the State of Nebraska who have successfully passed the Structural II Examination will be classified as Structural Engineers and will not be required to go through the Grandfathering process. ”

Proposed Revisions to  
**The Engineers and Architects Regulation Act  
 Section 81-3434**

**“(5) Practice of Structural Engineering:**

All components of structural systems of buildings, bridges and other structures, subject to design code requirements, that safeguard the public health, safety and general welfare and that do not meet the exempted status as indicated in Nebraska’s Engineers and Architects Regulation Act or Title 110: Nebraska Administrative Code are required to be designed or analyzed under the responsible charge of a Licensed Structural Engineer.

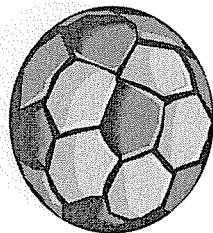
## Upgrade Your Membership!

If you are a licensed PE, upgrade your ASCE grade from "Associate Member" to "Member" – it's free, after all! Send an email to [member@asce.org](mailto:member@asce.org), indicating your state of licensure, date of licensure, and license number. ASCE staff need to verify your licensure status, so it would be helpful to include a link to the Nebraska Board's website (<http://www.ea.state.ne.us/search/eng.htm>) or a scanned copy of your certificate/pocket card. In a few weeks, you'll receive an updated membership certificate.

If you've been a "Member" of ASCE for 10 years or longer, consider applying for the "Fellow" grade. Right now, the Nebraska Section has over 200 members who meet the first criteria for advancement to "Fellow," and it would be great to see some of you recognized for your support of ASCE and your contributions to the profession! See <http://www.asce.org/membership/fellowgrade.cfm> for more information and an application form.

## ASCE Younger members Nebraska

The ASCE Nebraska Younger Members Leaders are planning the 1st Annual Younger Members Kickball Game. The event is scheduled for September 29th. The event will be held at Crosskey Village Park 117th and Blondo. Details will follow.



## Seminars Coming to the Area

In our continuing effort to enhance communications between ASCE's Sections, Branches and ASCE National, Geographic Services is pleased to advise you of the following seminars scheduled in your geographic area from November 2006 through March 2007:

November 16-17, 2006 Denver, CO  
Dam Safety and Rehabilitation (Infrastructure Rehabilitation/Hydraulics)

January 12, 2007 Denver, CO  
Federal Architect-Engineer (A/E) Contracting for Architects and Engineers (Construction/Management)

January 24-26, 2007 St. Louis, MO  
Design of Foundations for Dynamic Loads (Structural)

February 26-27, 2007 Denver, CO  
Wetlands and 404 Permitting (Environmental)

March 5-6, 2007 St. Louis, Mo  
Pumping Systems Design (Hydraulics)

Detailed descriptions of the seminars (by title) are available on ASCE's website at [www.asce.org/conted/seminars](http://www.asce.org/conted/seminars).

If you have questions or need assistance, please contact Kelly Jarvis, Continuing Education Registrar at [kjarvis@asce.org](mailto:kjarvis@asce.org), or Michael Cook, Manager, Geographic Services at [mcook@asce.org](mailto:mcook@asce.org).

## Put a Spotlight on Your Favorite Project!

If you'd like to see your project in an upcoming NE-ASCE Newsletter, please send articles and pictures to: [editor@neasce.org](mailto:editor@neasce.org)

Spotlights will be 1- 2 pages as space permits. Companies supporting the NE-ASCE Newsletter will be given precedence, but any company with ASCE members may participate.

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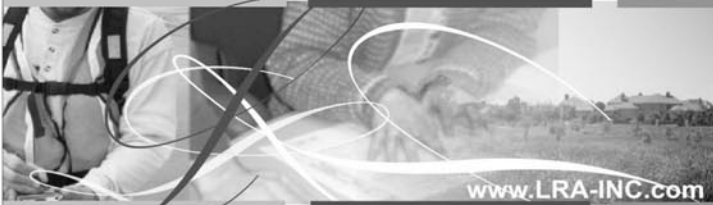


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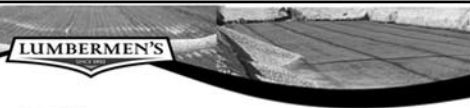
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**NE-ASCE News**

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Most mentors at Girls and Boys Town mentor 1 hour a week during school hours.  
 For more information, contact Chris Hyvonen at 402.498.3041.

Check out the current issue of ASCE's Section Informant at  
[http://www.asce.org/pdf/sec\\_informant.pdf](http://www.asce.org/pdf/sec_informant.pdf)

The Nebraska Civil Engineer  
 2006



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